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PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 4 MAY 10 CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 5 MAY 11 KOREAPAT updates resume
NEWS 6 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 7 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAplus and
USPATFULL/USPAT2
NEWS 8 MAY 30 The F-Term thesaurus is now available in CA/CAplus
NEWS 9 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 10 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 13 JUL 14 FSTA enhanced with Japanese patents
NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI
NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 17 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X 25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:42:25 ON 08 SEP 2006

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:42:38 ON 08 SEP 2006
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STRUCTURE FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3
 DICTIONARY FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

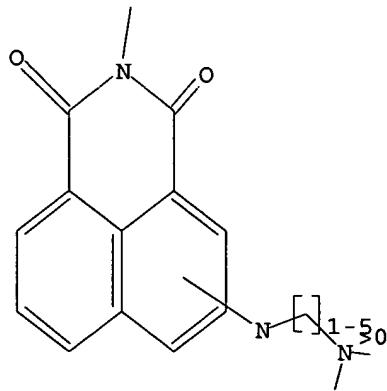
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>
 Uploading C:\Program Files\Stnexp\Queries\10658648.str

L1 STRUCTURE UPLOADED

=> d 11
 L1 HAS NO ANSWERS
 L1 STR



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11
SAMPLE SEARCH INITIATED 10:43:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 171 TO ITERATE

100.0% PROCESSED 171 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 2636 TO 4204
PROJECTED ANSWERS: 0 TO 0
```

L2 0 SEA SSS SAM L1

```
=> s 11 ful
FULL SEARCH INITIATED 10:43:06 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3285 TO ITERATE
```

```
100.0% PROCESSED 3285 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01
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L3 2 SEA SSS FUL L1

```
=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
                           ENTRY SESSION
FULL ESTIMATED COST           166.94 167.15
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```
FILE 'CAPLUS' ENTERED AT 10:43:10 ON 08 SEP 2006
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FILE COVERS 1907 - 8 Sep 2006 VOL 145 ISS 12
FILE LAST UPDATED: 7 Sep 2006 (20060907/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s 13
L4 1 L3
```

```
=> d abs bib hitstr
```

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN

AB A complexometric method for the rapid determination of BaSO₄ in Fe-containing materials (ore from Kremikovtsi, etc.) is proposed. The soluble compds. of Ba are eliminated when the sample is boiled in dilute HCl. The sample is fused with an oxidizing mixture (Na₂CO₃: baked MgO:KNO₃ = 3:2:1) at a temperature

of 800-850°. The cake is treated with HCl (1:11) and in the resulting solution Ba is precipitated as the sulfate. The precipitate is dissolved in 0.1N

Complexon III and the excess complexon is titrated with 0.1N BaCl₂, using thymolphthalexon as indicator.

AN 1966:7469 CAPLUS

DN 64:7469

OREF 64:1352e-f

TI A rapid complexometric determination of barium sulfate in ores, concentrates, and half-products from Kremikovtsi

AU Petkova, L.

SO Godishnik Nauchnoizsled. Proektant. Inst. Rudodobiv Obogatyavane (1964), 3(3), 271-3

From: Abstr. Bulgar. Sci. Lit., Chem. 7(2), 15(1964).

DT Journal

LA Bulgarian

IT 5082-57-5, Ammonium, [(2-butyl-2,3-dihydro-1,3-dioxo-1H-benz[de]isoquinolin-6-yl)carbamoyl]methyl]diethylmethyl, methyl sulfate (preparation, fluorescence and ultraviolet spectra of)

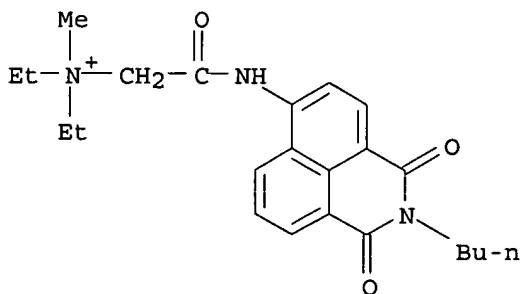
RN 5082-57-5 CAPLUS

CN Ammonium, [(2-butyl-2,3-dihydro-1,3-dioxo-1H-benz[de]isoquinolin-6-yl)carbamoyl]methyl]diethylmethyl-, methyl sulfate (8CI) (CA INDEX NAME)

CM 1

CRN 47614-71-1

CMF C23 H30 N3 O3



CM 2

CRN 21228-90-0

CMF C H3 O4 S

Me-O-SO₃⁻

```
=> FIL STNGUIDE
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          6.03          173.18

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE          -0.75          -0.75
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FILE 'STNGUIDE' ENTERED AT 10:44:34 ON 08 SEP 2006
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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Sep 1, 2006 (20060901/UP).

```
=> file registry
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY        SESSION
FULL ESTIMATED COST          0.12          173.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE      TOTAL
                                                ENTRY        SESSION
CA SUBSCRIBER PRICE          0.00          -0.75
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FILE 'REGISTRY' ENTERED AT 10:45:59 ON 08 SEP 2006
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STRUCTURE FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3
 DICTIONARY FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

Please note that search-term pricing does apply when
 conducting SmartSELECT searches.

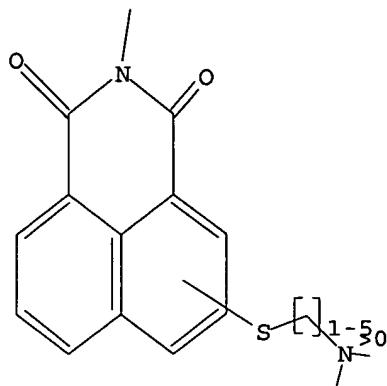
REGISTRY includes numerically searchable data for experimental and
 predicted properties as well as tags indicating availability of
 experimental property data in the original document. For information
 on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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=>
Uploading C:\Program Files\Stnexp\Queries\10658648.str
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L5 STRUCTURE UPLOADED

```
=> d 15
L5 HAS NO ANSWERS
L5      STR
```



G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s 15
SAMPLE SEARCH INITIATED 10:46:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 132 TO 668
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 ful
FULL SEARCH INITIATED 10:46:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 294 TO ITERATE

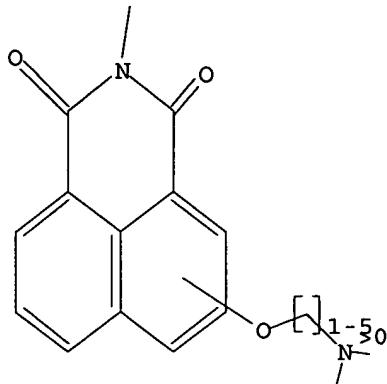
100.0% PROCESSED 294 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L7 0 SEA SSS FUL L5

=>
Uploading C:\Program Files\Stnexp\Queries\10658648.str

L8 STRUCTURE uploaded

=> d 18
L8 HAS NO ANSWERS
L8 STR
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G1 O,S,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s 18
SAMPLE SEARCH INITIATED 10:47:28 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 104 TO ITERATE

100.0% PROCESSED 104 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1469 TO 2691
PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8

=> s 18 ful
FULL SEARCH INITIATED 10:47:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 2136 TO ITERATE

100.0% PROCESSED 2136 ITERATIONS 19 ANSWERS
SEARCH TIME: 00.00.01

L10 19 SEA SSS FUL L8

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
                           ENTRY SESSION
FULL ESTIMATED COST           334.32 507.62

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL
CA SUBSCRIBER PRICE           0.00 -0.75


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FILE 'CAPLUS' ENTERED AT 10:47:46 ON 08 SEP 2006
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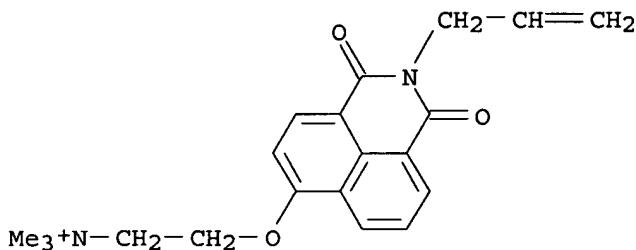
=> s l10
 L11 6 L10

=> d abs bib hitstr 1-6

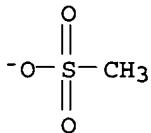
L11 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.
 AN 2004:569555 CAPLUS
 DN 141:76328
 TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems
 IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.
 PA USA
 SO U.S. Pat. Appl. Publ., 17 pp., Cont.-in-part of U.S. 6,645,428.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004135125	A1	20040715	US 2003-658715	20030909
	US 6645428	B1	20031111	US 2000-560881	20000427
	TW 570969	B	20040111	TW 2001-90109652	20010703
	ZA 2002007690	A	20030925	ZA 2002-7690	20020925
PRAI	US 2000-560881	A2	20000427		
IT	371239-15-5P			RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)	
RN	371239-15-5	CAPLUS			
CN	Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propenyl)-1H-benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (9CI) (CA INDEX NAME)				

CM 1

CRN 371239-14-4
CMF C20 H23 N2 O3

CM 2

CRN 16053-58-0
CMF C H3 O3 S

L11 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems.

AN 2004:569554 CAPLUS

DN 141:76327

TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems

IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick G.; Reddinger, Jerry L.

PA USA

SO U.S. Pat. Appl. Publ., 16 pp., Cont.-in-part of U.S. 6,645,428.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004135124	A1	20040715	US 2003-658648	20030909
	US 6645428	B1	20031111	US 2000-560881	20000427
	TW 570969	B	20040111	TW 2001-90109652	20010703
	ZA 2002007690	A	20030925	ZA 2002-7690	20020925
PRAI	US 2000-560881	A2	20000427		
OS	MARPAT 141:76327				

IT 371239-15-5P
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

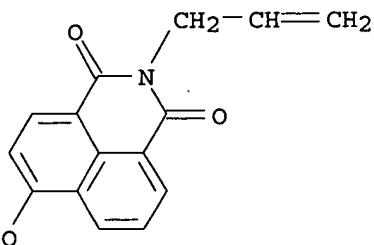
RN 371239-15-5 CAPLUS

CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propenyl)-1H-benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 371239-14-4

CMF C20 H23 N2 O3

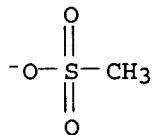


Me₃⁺N—CH₂—CH₂—O

CM 2

CRN 16053-58-0

CMF C H3 O3 S



L11 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN

AB Fluorescent monomers are described and claimed which are synthesized by reacting a substituted or non-substituted naphthalic anhydride with an amine and with a moiety containing a polymerizable group. Such monomers are useful for the preparation of tagged treatment polymers. Such tagged treatment polymers are useful as scale inhibitors in industrial water systems. In many industrial water systems that employ polymers as water treatment agents it may be desirable to tag or mark such polymers to facilitate monitoring thereof.

AN 2001:798496 CAPLUS

DN 135:348686

TI Fluorescent monomers and tagged treatment polymers containing same for use in industrial water systems

IN Morris, John D.; Moriarty, Barbara E.; Wei, Mingli; Murray, Patrick Gerard; Reddinger, Jerry L.

PA Ondeo Nalco Company, USA

SO PCT Int. Appl., 93 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001081654	A1	20011101	WO 2001-US13567	20010425
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6645428	B1	20031111	US 2000-560881	20000427
	CA 2404311	AA	20011101	CA 2001-2404311	20010425
	AU 2001057335	A5	20011107	AU 2001-57335	20010425
	EP 1282732	A1	20030212	EP 2001-930837	20010425
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	JP 2003531283	T2	20031021	JP 2001-578720	20010425
	TW 570969	B	20040111	TW 2001-90109652	20010703
	ZA 2002007690	A	20030925	ZA 2002-7690	20020925

PRAI US 2000-560881 A 20000427
WO 2001-US13567 W 20010425

OS MARPAT 135:348686

IT 371239-15-5P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(fluorescent monomer; fluorescent monomers and tagged treatment polymers containing same for use in monitoring scale inhibition in industrial water systems)

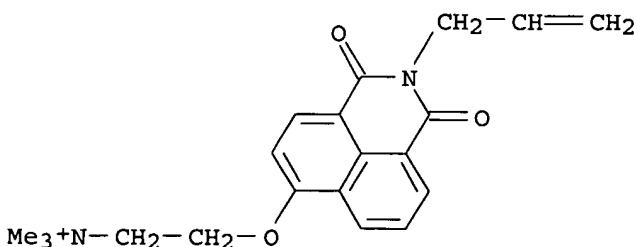
RN 371239-15-5 CAPPLUS

CN Ethanaminium, 2-[[2,3-dihydro-1,3-dioxo-2-(2-propenyl)-1H-benz[de]isoquinolin-6-yl]oxy]-N,N,N-trimethyl-, methanesulfonate (9CI)
(CA INDEX NAME)

CM 1

CRN 371239-14-4

CMF C20 H23 N2 O3



CM 2

08/09/2006

Page 19

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.50	540.12
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.50	-5.25

FILE 'REGISTRY' ENTERED AT 10:50:21 ON 08 SEP 2006
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STRUCTURE FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3
DICTIONARY FILE UPDATES: 7 SEP 2006 HIGHEST RN 906063-52-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

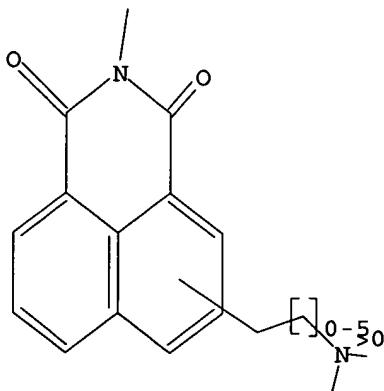
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>
=>
Uploading C:\Program Files\Stnexp\Queries\10658648.str

L12 STRUCTURE UPLOADED

=> d 112
L12 HAS NO ANSWERS
L12 STR



G1 O, S, N

10658648

Structure attributes must be viewed using STN Express query preparation.

```
=> s l12
SAMPLE SEARCH INITIATED 10:50:41 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 241 TO ITERATE

100.0% PROCESSED 241 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 3889 TO 5751
PROJECTED ANSWERS: 0 TO 0

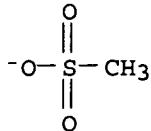
L13 0 SEA SSS SAM L12

=> s l12 ful
FULL SEARCH INITIATED 10:50:48 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4765 TO ITERATE

100.0% PROCESSED 4765 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L14 0 SEA SSS FUL L12
```

CRN 16053-58-0
 CMF C H3 O3 S



L11 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 GI For diagram(s), see printed CA Issue.
 AB 4,5-Dichloronaphthalic anhydride (I) [7267-14-3] is condensed with RNH2 and the products treated with 2 moles HOCH2CH2NR12 to give II [R = Me, Pr, CH2CHEtBu, (CH2)3NMe2; R1 = Me, Et, or NR12 = morpholino], which are quaternized to give fluorescent whitening agents. Thus, I was condensed with MeNH2 [74-89-5], and the product [25507-27-1] (5 parts) was heated 2 hr at 95° with 18 parts Me2NCH2CH2OH [108-01-0] containing 0.9 part Na to give II (R = R1 = Me) [36873-82-2], which was quaternized with 2 moles Me2SO4 to give a fluorescent whitening agent [36900-83-1] for acrylic fibers. Similarly, 4 other II and 9 other cationic derivs. of the II were prepared and the latter used as fluorescent whitening agents for acrylic and polyester fibers and polyacrylonitrile-wool blends.

AN 1975:516986 CAPLUS

DN 83:116986

TI Naphthalimide derivative

IN Noguchi, Tamehiko; Matsunaga, Daisaku

PA Nippon Kayaku Co., Ltd., Japan

SO Jpn. Tokkyo Koho, 9 pp.

CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49043688	B4	19741122	JP 1972-63433	19720624
PRAI	JP 1972-63433		19720624		

IT 36900-83-1

RL: USES (Uses)

(fluorescent brightener, for acrylic fibers)

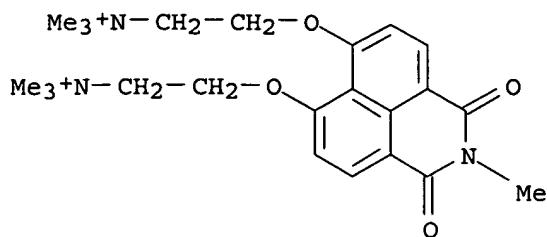
RN 36900-83-1 CAPLUS

CN Ethanaminium, 2,2'-(2,3-dihydro-2-methyl-1,3-dioxo-1H-benz[de]isoquinoline-6,7-diyl)bis(oxy)]bis[N,N,N-trimethyl-, bis(methyl sulfate) (9CI) (CA INDEX NAME)

CM 1

CRN 47645-11-4

CMF C23 H33 N3 O4



CM 2

CRN 21228-90-0
CMF C H3 O4 SMe—O—SO₃⁻

L11 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 AB Fluorescent whiteners (I, R, R₁, R₂ = alkyl; R₃ = H, alkyl; X = anion; n = 2,3) were prepared by treating the corresponding dialkylamino compound with a quaternizing agent or an acid and were used to whiten acrylic fibers. For example, fluorescent whitener I (R = R₁ = R₂ = R₃ = Me, X = MeSO₄, n = 2) [51989-81-2] was prepared and gave a lightfast whiteness to acrylic fibers.

AN 1974:451148 CAPLUS
 DN 81:51148
 TI Fluorescent whiteners
 IN Imahori, Seiichi; Hiraki, Susumu
 PA Mitsubishi Chemical Industries Co., Ltd.
 SO Jpn. Tokkyo Koho, 5 pp.
 CODEN: JAXXAD
 DT Patent
 LA Japanese
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 48038211	B4	19731116	JP 1970-107726	19701205
PRAI JP 1970-107726		19701205		
IT 51989-81-2P				
RL: IMF (Industrial manufacture); PREP (Preparation) (preparation of)				
RN 51989-81-2 CAPLUS				
CN Ethanaminium, 2-[(2,3-dihydro-7-methoxy-2-methyl-1,3-dioxo-1H-benz[de]isoquinolin-6-yl)oxy]-N,N,N-trimethyl-, methyl sulfate (9CI) (CA INDEX NAME)				

CM 1

CRN 51989-80-1
CMF C19 H23 N2 O4